



State of Utah

GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

Department of
Environmental Quality

Amanda Smith
Executive Director

DIVISION OF WATER QUALITY
Walter L. Baker, P.E.
Director

C/007/0001 Incoming
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SEP 08 2011

OGM PRICE FIELD OFFICE

September 1, 2011

Bob Brobst, P.E.
Biosolids Coordinator, 8P-W-P
U. S. Environmental Protection Agency
Region VIII
1595 Wynkoop Street
Denver, Colorado 80202-1129

Dear Mr. Brobst:

Subject: White Oak Mine Reclamation Site

Attached are the results from the reconnaissance inspection that I conducted on August 4, 2011.

Thank you for your input, if you have any questions, suggestions or comments please call me at (801) 536-4384, or email me at mschmitz@utah.gov.

Sincerely,

Mark Schmitz, Environmental Scientist
Permits & Compliance Section

MS:st

Enclosures (3)

cc: Central Utah Public Health Department
John Chartier, District Engineer
Priscilla Burton, Utah Department of Natural Resources

Mschmitz/wp/White Oak Mine Insp. Ltr. 2011



United States Environmental Protection Agency
Washington, D.C. 20460

Water Compliance Inspection Report

Section A: National Data System Coding (i.e., ICIS)

Transaction Code 1 2	NPDES 3 4 5 6 7 8 9 10 11	yr/mo/day 12 13 14 15 16 17	Inspection Type 18	Inspector 19	Fac. Type 20
Remarks 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66					
Inspection Work Days 67 68 69	Facility Self-Monitoring Evaluation Rating 70	BI 71	QA 72	Reserved 73 74 75 76 77 78 79 80	

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number) White Oak Mine Reclamation Site	Entry Time/ Date 10:00 am	Permit Effective Date N/A
	Exit Time/ Date 2:00 p.m.	Permit Expiration Date N/A
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Priscilla Burton, Utah Department of Natural Resources, Division of Oil, Gas and Mining, Environmental Scientist and Project Manager	Other Facility Data (e.g., SIC NAICS, and other descriptive information)	
Name, Address of Responsible Official/Title/Phone and Fax Number <div>Contacted <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</div>		

Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

<input type="checkbox"/> Permit	<input checked="" type="checkbox"/> Self Monitoring Program	<input type="checkbox"/> Pretreatment	<input type="checkbox"/> MS4
<input checked="" type="checkbox"/> Records/Reports	<input type="checkbox"/> Compliance Schedule	<input type="checkbox"/> Pollution Prevention	
<input checked="" type="checkbox"/> Facility Site Review	<input type="checkbox"/> Laboratory	<input type="checkbox"/> Storm Water	
<input type="checkbox"/> Effluent/Receiving Waters	<input checked="" type="checkbox"/> Operations & Maintenance	<input type="checkbox"/> Combined Sewer Overflow	
<input type="checkbox"/> Flow Measurement	<input checked="" type="checkbox"/> Sludge Handling/Disposal	<input type="checkbox"/> Sanitary Sewer Overflow	

Section D: Summary of Findings/Comments

(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)

SEV Codes	SEV Description
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
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<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

Name(s) and Signature(s) of Inspector(s) Mark Schmitz, Biosolids Coordinator 	Agency/Office/Phone and Fax Number(s) Division of Water Quality (801) 536-4384	Date: September 1, 2011
Name and Signature of Management QA Reviewer John Kennington, P.E., UPDES Engineering Section Manager 	Agency/Office/Phone and Fax Number(s) Division of Water Quality (801) 536-4380	Date: September 1, 2011

INSPECTION PROTOCOL

UPDES Permit #: N/A
Inspection Type: Biosolids Inspection
Inspection Date: August 4, 2011

Mark Schmitz, Biosolids Coordinator, with the Utah Division of Water Quality, met with Priscilla Burton, with the Utah Department of Natural Resources, Division of Oil, Gas and Mining, Environmental Scientist and Project Manager (DNR).

FACILITY DESCRIPTION

Location: Latitude 39° 40.02' 11" N
Longitude 111° 11' 14" 75' W

Process: N/A

INSPECTION SUMMARY

Last fall, Priscilla and I consulted with Bob Brobst, P.E., EPA Region 8, on the on appropriate biosolids agronomic rates to revegetate part of the old mine site. We contacted the Price River Improvement District (Price WWTP) and the Spanish Fork City WWTP. Between the two of them they donated 193 DMT of Class B biosolids (Class A biosolids with respect to heavy metals). The DWQ kicked in another \$45,000 dollars on top of the \$300,000 the DNR had committed to this reclamation project to help haul the biosolids to the site. I went to look at the site with Priscilla in July 2010, and we were lucky enough to be there during a thunderstorm event and collect some samples, as Whiskey Creek is usually only flowing during spring runoff and storm events. (Please see attached). Whiskey Creek is a tributary to Mud Creek which flows to Scofield Reservoir which is impaired for phosphorus. (please see attached photos).

I will try to visit the site again next summer to what progress has been made.

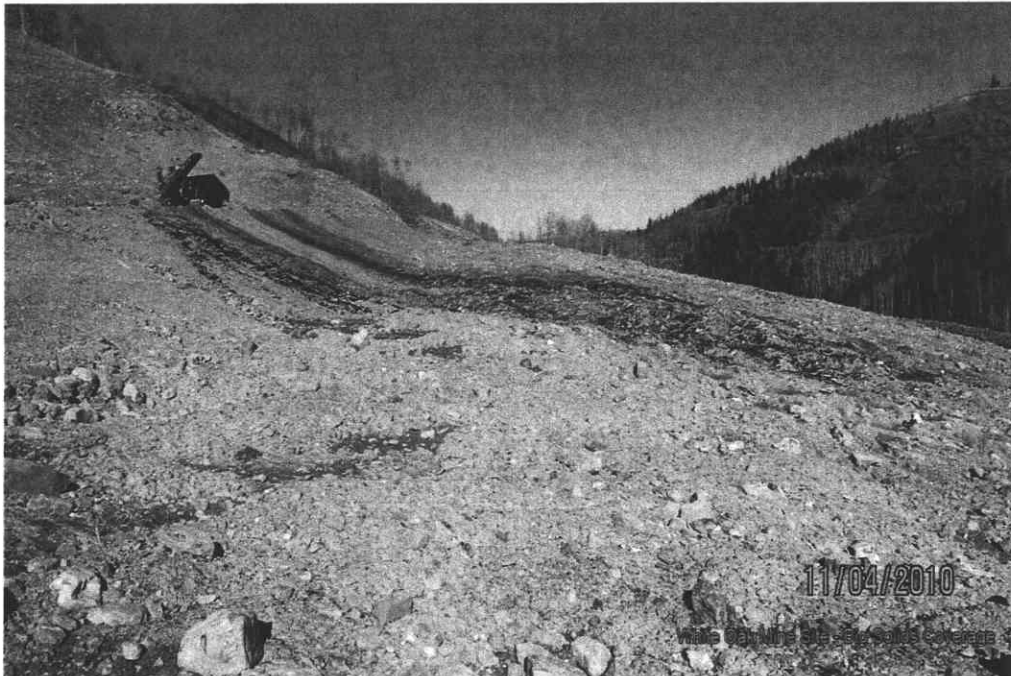


Photo 1 above



Photo 2

Photo 3 description is partially correct. Photo 3 is the reclaimed access to the small sinkhole. It was also used to gather rock for the rip rap channel. The reclaimed road in photo 3 is also shown at the bottom of photo 2, being used by the track hoe. Priscilla Burton
9/9/11

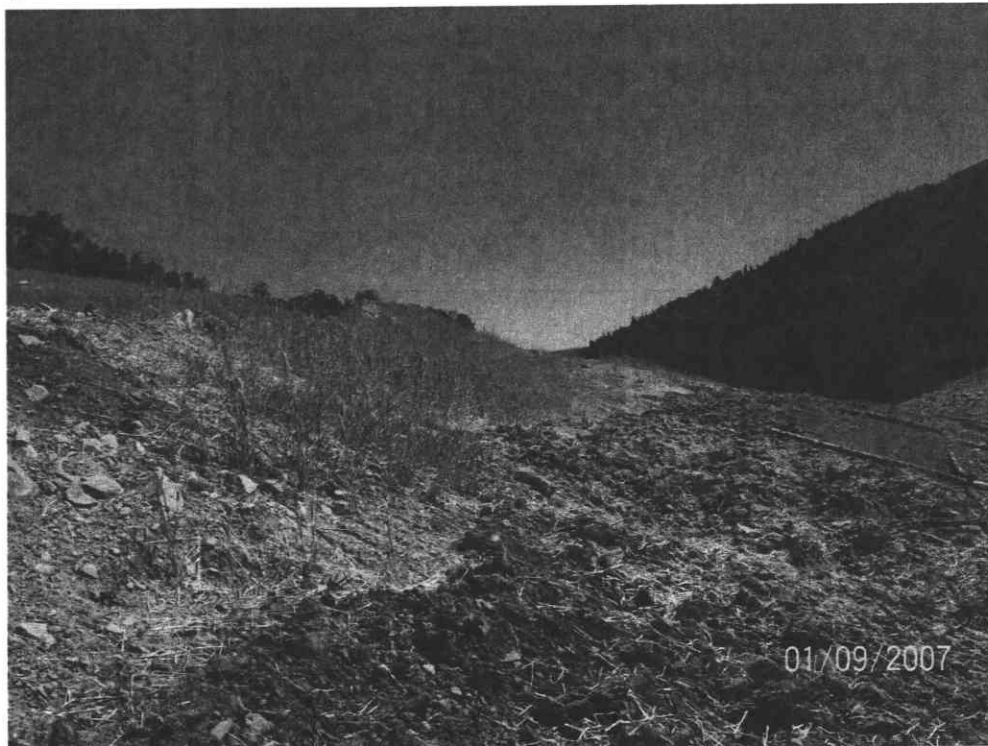


Photo 3, the roughed up area on the right was the access road to put in the rip-rap below. It was reseeded by hand after the rip-rap was completed.

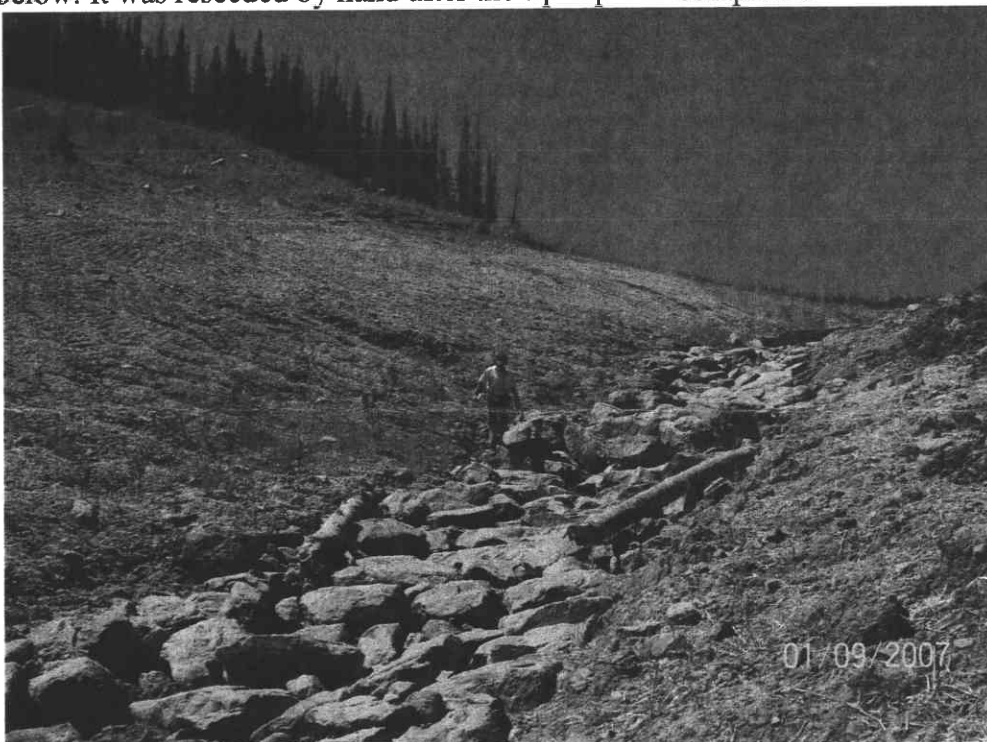


Photo 4- wrong dates on photos 3 & 4, the correct dates are 8/4/11. Priscilla and rip-rap along Whiskey Creek.

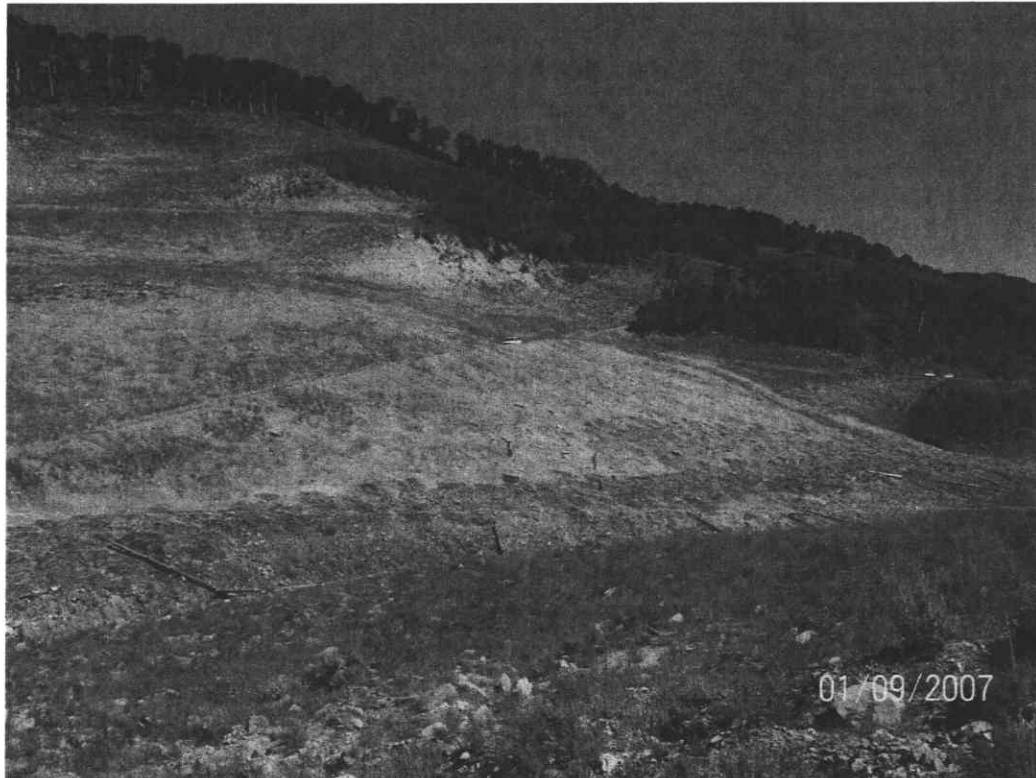


Photo 5-the area on the bottom was reclaimed 30 years ago.

Above description is incorrect. The bottom of the frame is the west facing slope of the white Oak mini. It was reclaimed at the same time as the east facing slope, in 2004. The west facing slope was not re-disturbed by the white Oak restoration project in 2010.

Emilia Burton
9.9.11

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Page 1 of 1

OGMCOAL - White Oak site analytical

From: Kevin Lundmark
To: Mark Schmitz
Date: 9/8/2010 7:50 AM
Subject: White Oak site analytical
CC: OGMCOAL; Priscilla Burton
Attachments: 20100908083221.pdf

Hi Mark,

I've attached the analytical results for the sample I collected from Whiskey Creek during our site visit on 29 July 2010. The measured field parameters at the time of sampling were pH = 8.24, temperature = 14.1 C. Please let me know if you have any questions.

Thanks,
Kevin

Kevin Lundmark
Environmental Scientist II
Division of Oil, Gas & Mining
kevinlundmark@utah.gov
(801)538-5352

UTAH STATE DEPARTMENT OF HEALTH
DIVISION OF LABORATORY SERVICES
Environmental Chemistry Analysis Report

RECEIVED
SEP 07 2010
DIV. OF OIL, GAS & MINING

DEPT OF NATURAL RESOURCES - OGM
ATTN: KEVIN LUNDMARK
1594 W NORTH TEMPLE - STE 1210
SALT LAKE CITY

UT 84114-1210

801-538-5352

Lab Number: 201003779 Sample Type: 04 Cost Code: 900B
Description: WC-1
Collector: KWC

Site ID: WT1177 Source No: 00 Organic Review:
Sample Date: 07/29/2010 Time: 10:20 Inorganic Review: 08/30/2010
Radiochemistry Review:
Microbiology Review:

TEST RESULTS:

Ammonia N	0.059 mg/l	NO2+NO3, N	0.648 mg/l
T-Iron	10.8 mg/l	T. Phos.	8.3 mg/l
T.Sus.Sol	10550.0 mg/l	TDS @ 180C	830 mg/l

QUALIFYING COMMENTS (*) on test results: NO COMMENTS

END OF REPORT